OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850
UNITED STATES
Phone: +1-888-267-4436
Fax: +1-301-340-8606
techsupport@origene.com

OriGene Technologies GmbH
Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info-de@origene.com

AR50203PU-N Human C9orf103 (1-187, His-tag) - Purified

Alternate names: Gluconate kinase, Probable gluconokinase, chromosome 9 open reading frame 103

Quantity: 0.25 mg

Concentration: 0.5 mg/ml (determined by Bradford assay)

Background: C9orf103, also known as probable gluconokinase, belongs to the gluconokinase gntK/gntV family. This protein is involved in carbohydrate acid metabolism and D-gluconate degradation.

Uniprot ID: Q5T6I7

NCBI: NP_001001551.2

GeneID: 414328

Species: Human

Source: E. coli

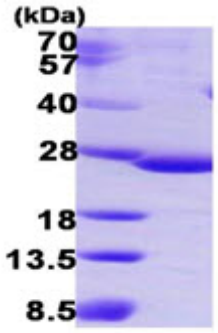
Format:
State: Liquid purified protein
Purity: >95% by SDS - PAGE
Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl,1mM DTT

Description: Recombinant human C9orf103 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
AA Sequence:
MGSSHHHHHH SSGLVPRGSH MGSHMAAPGA LLVMGVSGSG KSTVGALLAS ELGWKFYDAD DYHPEENRRK MGKGIPLNDQ DRIPWLCNLH DILLRDVASG QRVVLACSAL KKTYRDILTQ GKDGVALKCE ESGKEAKQAE MQLLVVHLSG SFEVISGRLL KREGHFMPPE LLQSQFETLE PPAAPENFIQ ISVDKNVSEI IATIMETLKM K
Molecular weight: 23.1 kDa (211aa) confirmed by MALDI-TOF

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings: Humphray S.J., et al. (2004) Nature 429: 369-374.Fernandez-L A. et al. (2007) Hum. Mol. Genet. 16:1515-1533.

Pictures:



12% SDS-PAGE (3ug)